

AMENDMENTS TO THE CLAIMS

Claim 1 (currently amended): A liquid crystal display structure ~~providing a moisture vapor transmission rate of less than about 4.6 gm/m²/day and an oxygen transmission rate of less than about 0.005 ml/m²/day, the liquid crystal display structure~~ comprising:

a liquid crystal display cell having a front surface and a back surface; and
a front intrinsic polarizer disposed adjacent to the front surface of the liquid crystal display cell, the front intrinsic polarizer lacking a protective coating thereon and providing a moisture vapor transmission rate of less than about 4.6 gm/m²/day and an oxygen transmission rate of less than about 0.005 ml/m²/day to the liquid crystal display structure.

Claim 2 (original): The liquid crystal display structure of claim 1, further comprising
a back intrinsic polarizer disposed adjacent to the back surface of the liquid crystal display cell, the back intrinsic polarizer lacking a protective coating thereon.

Claim 3 (original): The liquid crystal display structure of claim 1, wherein the front intrinsic polarizer is a K-type polarizer.

Claim 4 (original): The liquid crystal display structure of claim 1, wherein the front intrinsic polarizer comprises a KE polarizer sheet.

Claim 5 (original): The liquid crystal display structure of claim 1, wherein the front intrinsic polarizer has a first surface disposed adjacent to the front surface of the liquid crystal display cell, the liquid crystal display structure further comprising

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an adhesive layer disposed on the first surface of the front intrinsic polarizer to attach the intrinsic polarizer to the liquid crystal display cell.

Claim 6 (original): The liquid crystal display structure of claim 5, wherein the adhesive layer comprises a pressure sensitive adhesive.

Claim 7 (original): The liquid crystal display structure of claim 6, wherein the adhesive layer comprises a diffuse adhesive.

Claim 8 (original): The liquid crystal display structure of claim 1, further comprising a removable release liner disposed adjacent to the front intrinsic polarizer.

Claim 9 (original): The liquid crystal display structure of claim 1, further comprising a polyethylene terephthalate support layer disposed adjacent to the front intrinsic polarizer.

Claim 10 (original): The liquid crystal display structure of claim 1, further comprising a transfective coating disposed adjacent to the back intrinsic polarizer.

Claim 11 (original): The liquid crystal display structure of claim 2, further comprising a retarder disposed adjacent to the front intrinsic polarizer.

Claim 12 (original): The liquid crystal display structure of claim 2, further comprising a liquid crystal polymer coating disposed adjacent to the front intrinsic polarizer.

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Claim 13 (original): The liquid crystal display structure of claim 1, further comprising a transflector disposed adjacent to the back intrinsic polarizer.

Claim 14 (original): The liquid crystal display structure of claim 13, wherein the transflector comprises a layer of metal.

Claim 15 (original): The liquid crystal display structure of claim 13, wherein the transflector comprises a tilted mirror film.

Claim 16 (original): The liquid crystal display structure of claim 13, wherein the transflector comprises a holographic element.

Claim 17 (original): The liquid crystal display structure of claim 2, wherein the back intrinsic polarizer has a first surface disposed adjacent to the back surface of the liquid crystal display cell and a second surface, the liquid crystal display structure further comprising a microreplicated structure formed on the second surface of the back intrinsic polarizer.

Claim 18 (original): The liquid crystal display structure of claim 2, further comprising a reflective diffuse polarizer film adjacent to the back intrinsic polarizer.

Claim 19 (currently amended): A liquid crystal display structure ~~providing a moisture vapor transmission rate of less than about 4.6 gm/m²/day and an oxygen transmission rate of less than about 0.005 ml/m²/day, the liquid crystal display structure comprising:~~

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a liquid crystal display cell having a front surface;
an intrinsic polarizer having a first surface disposed adjacent to the front surface of the liquid crystal display cell and a second surface, the intrinsic polarizer lacking a protective coating thereon and providing a moisture vapor transmission rate of less than about 4.6 gm/m²/day and an oxygen transmission rate of less than about 0.005 ml/m²/day to the liquid crystal display structure; and
a conductor disposed adjacent to the second surface of the intrinsic polarizer.

Claim 20 (original): The liquid crystal display structure of claim 19, wherein the intrinsic polarizer is a K-type polarizer.

Claim 21 (currently amended): A liquid crystal display structure ~~providing a moisture vapor transmission rate of less than about 4.6 gm/m²/day and an oxygen transmission rate of less than about 0.005 ml/m²/day~~, the liquid crystal display structure comprising:

a liquid crystal display cell having a front surface and a back surface;
a front K-type polarizer disposed adjacent to the front surface of the liquid crystal display cell, the front K-type polarizer lacking a protective coating thereon and providing a moisture vapor transmission rate of less than about 4.6 gm/m²/day and an oxygen transmission rate of less than about 0.005 ml/m²/day to the liquid crystal display structure; and
a back K-type polarizer disposed adjacent to the back surface of the liquid crystal display cell, the back K-type polarizer lacking a protective coating thereon.

Claims 22-23 (cancelled)

Claim 24 (currently amended): An optical system comprising:

a liquid crystal display structure ~~providing a moisture vapor transmission rate of less than about 4.6 gm/m²/day and an oxygen transmission rate of less than about 0.005 ml/m²/day, the liquid crystal display structure~~ comprising a liquid crystal display cell having a front surface and a back surface and a front intrinsic polarizer disposed adjacent to the front surface of the liquid crystal display cell, the front intrinsic polarizer lacking a protective coating thereon and providing a moisture vapor transmission rate of less than about 4.6 gm/m²/day and an oxygen transmission rate of less than about 0.005 ml/m²/day to the liquid crystal display structure.

Claim 25 (previously added): The optical system of claim 24 wherein the liquid crystal display structure further comprises a back intrinsic polarizer disposed adjacent to the back surface of the liquid crystal display cell, the back intrinsic polarizer lacking a protective coating thereon.

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